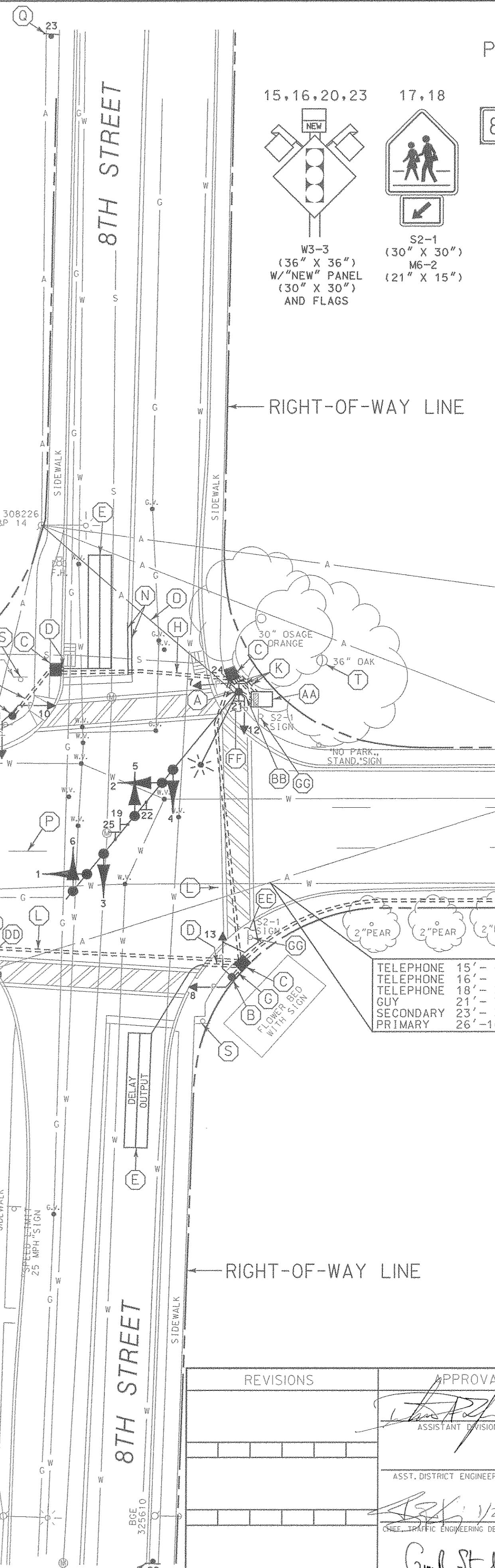
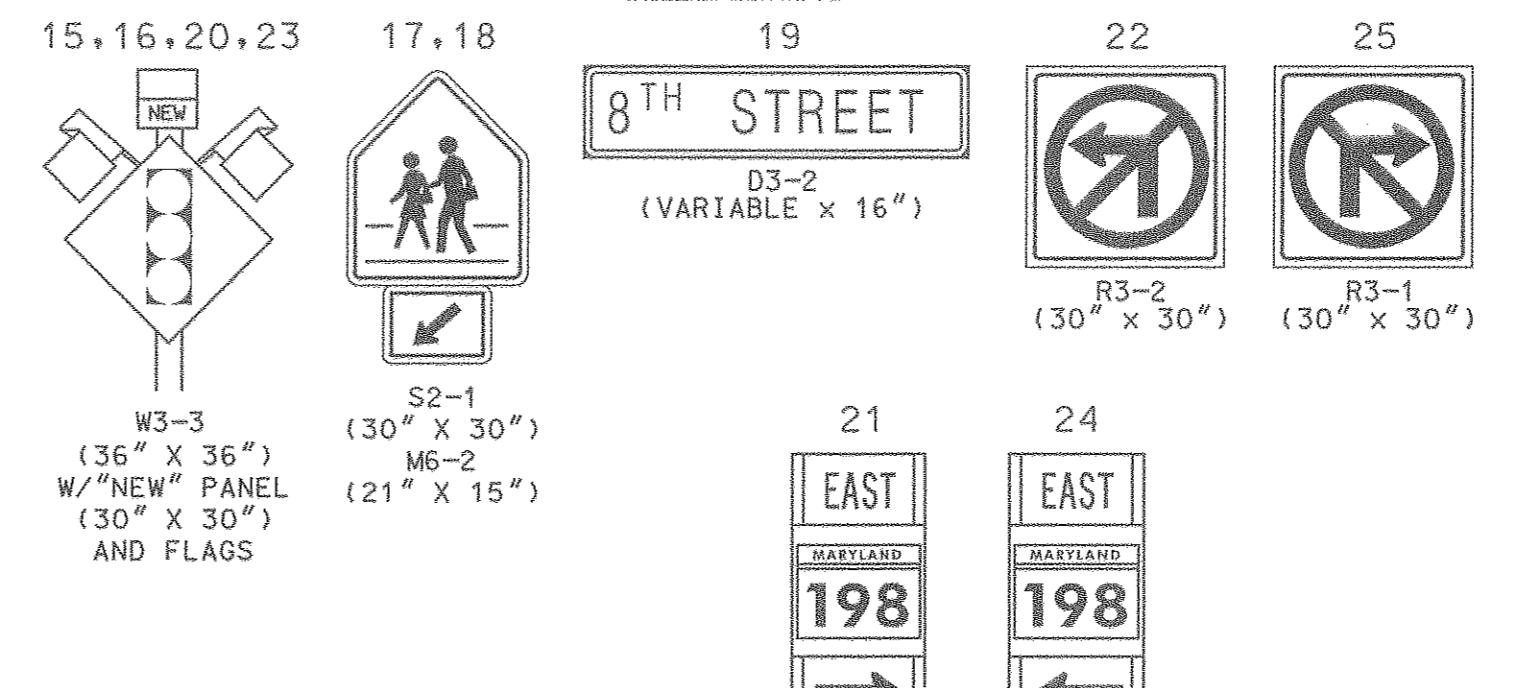
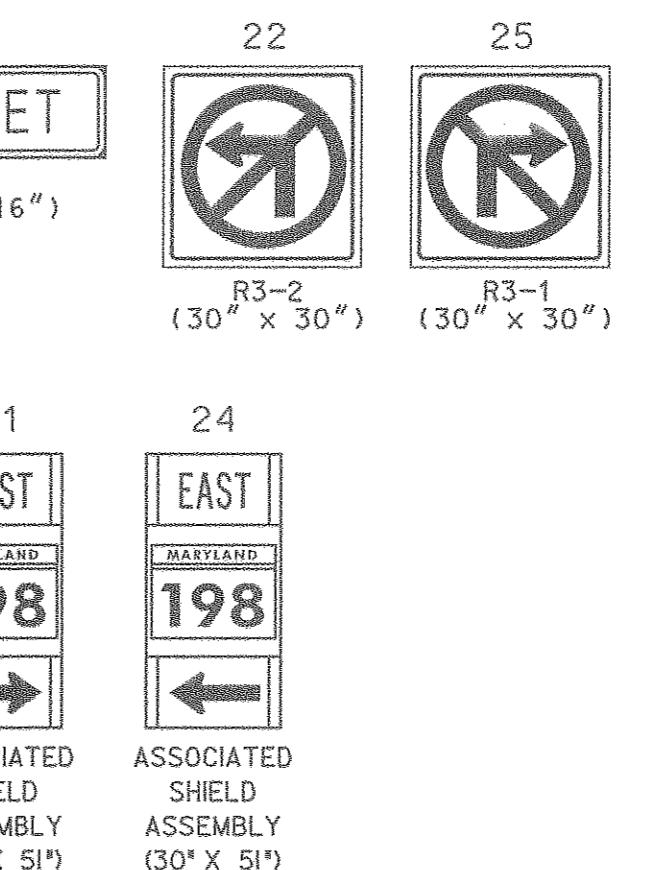
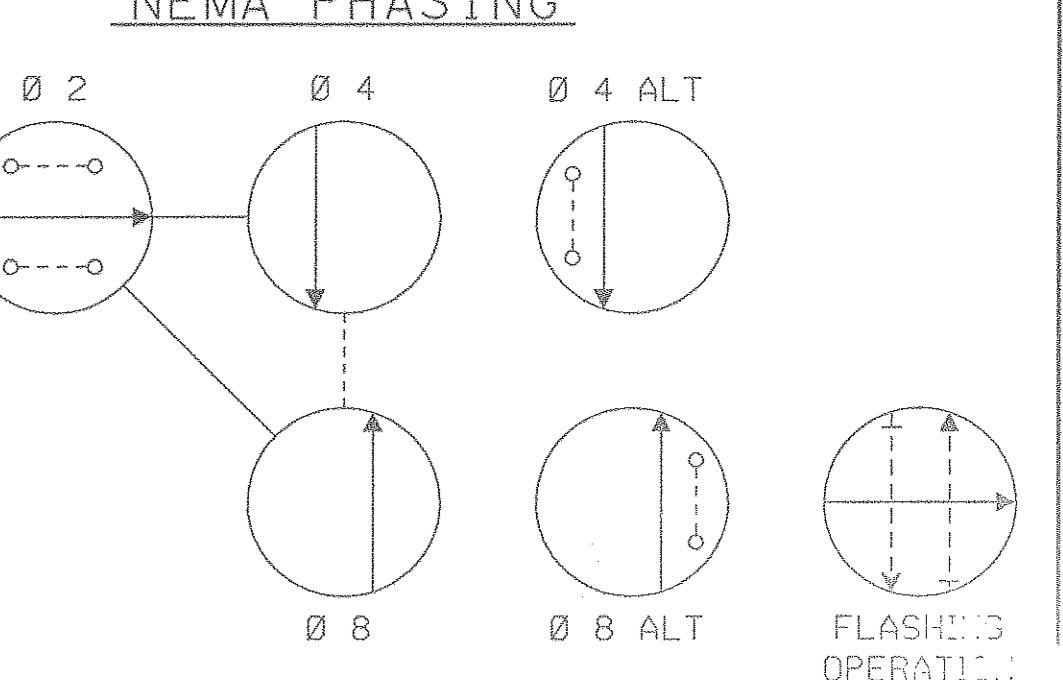


CONSTRUCTION DETAILS

- A. INSTALL 27 FT. STEEL POLE WITH A SINGLE 70 FT. MAST ARM, CONTROL AND DISTRIBUTION EQUIPMENT, TRAFFIC SIGNAL HEADS, SIGNS, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND R10-4 SIGN, 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AND 3 IN. WEATHERHEAD (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS IN POLE BASE).
 B. INSTALL 10 FT. BREAKAWAY PEDESTRIAN POLE WITH PEDESTRIAN SIGNAL HEAD, PUSHBUTTON AND R10-3C SIGN (INSTALL 1-2 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN POLE BASE).
 C. INSTALL HANHOLE.
 D. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
 E. INSTALL 6 FT. X 30 FT. (3-6-3 WINDING) QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
 F. INSTALL MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN.
 G. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
 H. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
 J. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
 K. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
 L. INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
 M. INSTALL 24 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (STOP LINE).
 N. INSTALL 6 IN. YELLOW THERMOPLASTIC PAVEMENT MARKING TAPE TO TIE INTO EXISTING CENTERLINE.
 O. PROPOSED OVERHEAD ELECTRICAL SERVICE.
 P. REMOVE EXISTING PAVEMENT MARKINGS.
 Q. INSTALL W3-3 "SIGNAL AHEAD" SIGN ASSEMBLY ON ONE 4 IN. X 4 IN. TREATED WOOD POST APPROXIMATELY 250 FT. IN ADVANCE OF THE INTERSECTION ON 8TH STREET.
 R. INSTALL W3-3 "SIGNAL AHEAD" SIGN ASSEMBLY ON ONE 4 IN. X 4 IN. TREATED WOOD POST APPROXIMATELY 550 FT. IN ADVANCE OF THE INTERSECTION ON MD 198.
 S. REMOVE EXISTING R1-1 SIGN FROM SUPPORT.
 T. TRIM TREE(S) TO AVOID CONFLICT WITH PROPOSED MAST ARM.
 U. REMOVE EXISTING W2-1 SIGN AND SUPPORT.
 V. REMOVE EXISTING W3-3 SIGN FROM EXISTING SUPPORT.

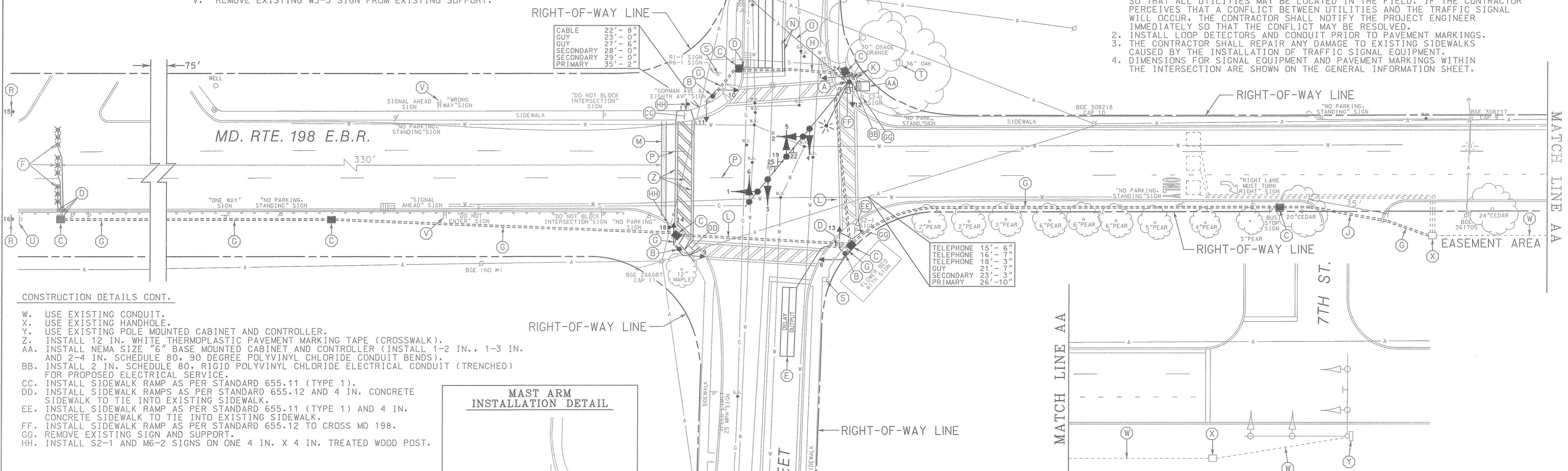
MD 198 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION


PROPOSED SIGNS

PROPOSED SIGNALS

NEMA PHASING

PHASING NOTES:

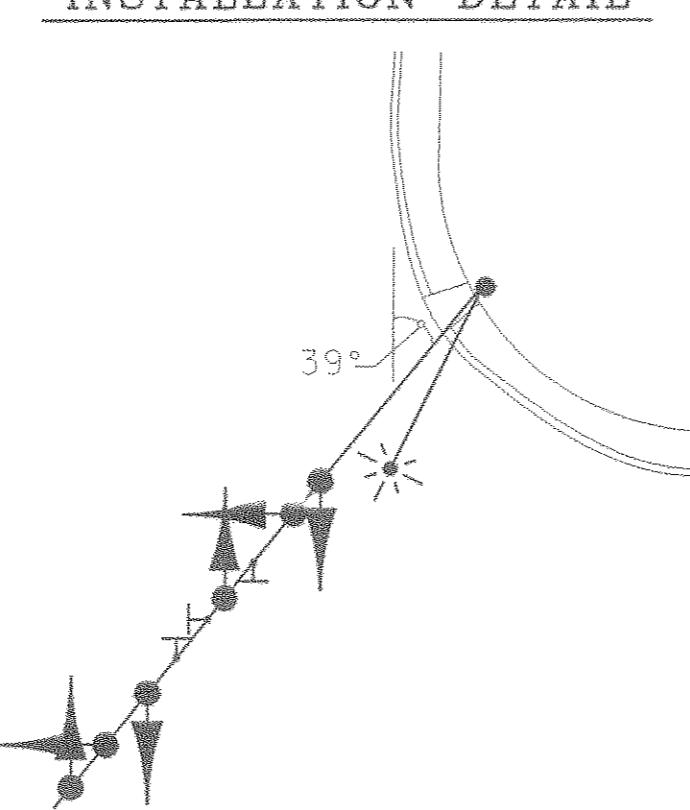
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. INSTALL LOOP DETECTORS AND CONDUIT PRIOR TO PAVEMENT MARKINGS.
3. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING SIDEWALKS CAUSED BY THE INSTALLATION OF TRAFFIC SIGNAL EQUIPMENT.
4. DIMENSIONS FOR SIGNAL EQUIPMENT AND PAVEMENT MARKINGS WITHIN THE INTERSECTION ARE SHOWN ON THE GENERAL INFORMATION SHEET.


CONSTRUCTION DETAILS CONT.

- W. USE EXISTING CONDUIT.
 X. USE EXISTING HANHOLE.
 Y. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER.
 Z. INSTALL 12 IN. WHITE THERMOPLASTIC PAVEMENT MARKING TAPE (CROSSWALK).
 AA. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER (INSTALL 1-2 IN., 1-3 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS).
 BB. INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED ELECTRICAL SERVICE.
 CC. INSTALL SIDEWALK RAMP AS PER STANDARD 655.11 (TYPE 1).
 DD. INSTALL SIDEWALK RAMPS AS PER STANDARD 655.12 AND 4 IN. CONCRETE SIDEWALK TO TIE INTO EXISTING SIDEWALK.
 EE. INSTALL SIDEWALK RAMP AS PER STANDARD 655.11 (TYPE 1) AND 4 IN. CONCRETE SIDEWALK TO TIE INTO EXISTING SIDEWALK.
 FF. INSTALL SIDEWALK RAMP AS PER STANDARD 655.12 TO CROSS MD 198.
 GG. REMOVE EXISTING SIGN AND SUPPORT.
 HH. INSTALL S2-1 AND M6-2 SIGNS ON ONE 4 IN. X 4 IN. TREATED WOOD POST.

MAST ARM INSTALLATION DETAIL

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

A	E
ELECTRICAL	
TELEPHONE	G
GAS	
SEWER	S
WATER	W
CABLE TV	TV

WR&A
Whitman, Requardt and Associates
Engineers and Planners

2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS	APPROVALS	REVISIONS
	<i>[Signature]</i> ASSISTANT DIVISION CHIEF ASST. DISTRICT ENGINEER, TRAFFIC	
	<i>[Signature]</i> TRAFFIC ENGINEERING DESIGN DIVISION 1/28/98	
	<i>[Signature]</i> DIRECTOR, OFFICE OF TRAFFIC & SAFETY 1/28/98	
DATE: 1-20-98	DRAWN BY: S. BLOSS	PLAN SHEET NO.: PRINCE GEORGES
SCALE: 1" = 20'	DESIGNED BY: N. LEARY	SHEET NO.: TS-3753
APPROVED BY: WR	checked by: T. HANNAN	1 OF 2

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN
MD 198 AND 8TH STREET

LOG MILE 16019802.97